

LAND USE AND DEVELOPMENT REGULATIONS

13 Attachment 3

Borough of Union Beach

FIGURE 9
SCHEDULE OF STREET DESIGN STANDARDS
(Section 13-8.29)

	Classification		
	Local	Collector Streets	Arterial Highways
Normal Traffic Capacity (ADT)	400	3,000	10,000
Minimum Right-of-way Width	50 Feet	60 Feet	100 Feet
Minimum Paving Width:			
Two Way	30 Feet	40 Feet	60 Feet
One Way	22 Feet	—	—
Shoulder (or Parking Area Width) (1)	—	—	2 @ 8 Feet
Sidewalks:			
Width	4 Feet	4 Feet	4 Feet
Setback (from face of curb)	3 Feet	3 Feet	7 Feet
Design Speed (MPH) (3)	40	50	60
Minimum Radius of Horizontal Curvature at Centerline	150 Feet	500 Feet	2,000 Feet
Minimum Tangent Between Reverse Curbs	100 Feet	200 Feet	600 Feet (4)
Maximum Longitudinal Grade	8%	8%	4%
Minimum Longitudinal			
Grade Desirable	0.75%	0.75%	0.75%
Absolute	0.40%	0.40%	0.40%
Maximum Longitudinal Grade for 200 feet from each side of an intersection	3.5%	3.00%	—
Minimum Curb Return Radius at Intersection (2)	15 Feet	25 Feet	45 Feet
Vertical Curve (5)			
Crest: Minimum Length equals 100 feet - Based on stopping sight distance at design speed			
Sag: Minimum Length equals 100 feet - Based on headlight illumination and stopping sight distance at design speed			
Maximum Superelevation Not Required	—	—	6%
Pavement Cross-Slope Minimum	3.00%(7)	3.33%(8)	1.50%(8)
Curb Face Required(6)	6 inches	—	8 inches
Minimum Property Line Corner Radius (2)	5 feet	15 feet	30 feet

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NOTES:

- (1) Shoulders or parking areas as required may be
- (2) When dissimilar streets intersect the larger radius will be used
- (3) For sight distance and vertical curve calculation only
- (4) Or as required to run out superelevation (1% per sec. of travel at design speed)
- (5) Not required if algebraic difference of intersecting grades does not exceed 1
- (6) Except in superelevation areas
- (7) 6 inches crown
- (8) 8 inches crown